

## Policy & Procedure (P&P)

Policy Title :

### Calibration of Collected Blood Volume Regulators

Department	Index No.	Scope
Laboratory & Blood Bank	LAB-087	BLOOD BANK STAFF
Issue Date	Revision NO	Effective Date
1432/6/5	4	1441/7/20
Review Due Date	Related Standard NO.	Page Number#
1443/7/23	CBAHI (LB-38)	2

#### 01. Policy:

01.1. The blood bank develops a system for the calibration of collected blood volume regulators.

#### 02. Definition :

02.1. blood volume regulators: **blood shakers**

#### 03. Purpose :

03.1. To ensure accuracy of the blood shakers and to ensure that calibration and adjustment are performed at regular intervals

#### 04. Procedure :

##### 04.1. Material

04.1.1. Standard weight (mass) : 500g.  
04.1.2. Blood shakers : Hemomix 3®

##### 04.2. Indication:

04.2.1. Before initial use  
04.2.2. At every day of use  
04.2.3. After activities that may alter the calibration : repairs or adjustments

##### 04.3. Method

The blood bank technician in the collection area follows the manufacturer's instructions to perform the calibration and the adjustment procedures

To perform the calibration, the blood bank technician will:

04.3.1. Access the Technical menu :

04.3.1.1. once the device is switched off, press and hold the **Mode key** and in the same time press and hold **ON/OFF key**

04.3.1.2. then release the ON/OFF key and keep on pressing Mode key

- 04.3.1.3. Calibrate load cell will appear on the screen
- 04.3.1.4. Follow the instructions step by step on the wizard.
- 04.3.1.5. Place the correct calibration weight (mass) of 500 g on the scale.
- 04.3.1.6. The blood shaker is now calibrated and ready for use.

04.3.2. Verify the calibration by placing weight (mass) of 500 g on the scale in the middle and in the 4 corners . The display should show the correct calibration weight (mass) of 500 g.

#### 05. Responsibilities :

05.1. All Laboratory and Blood Bank Staff of Al-Qunfudah General Hospital

#### 06. Equipment & Forms

Daily check list for blood shakers.

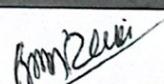
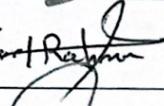
#### 07. Attachment :

N/A

#### 08. Reference

08.1. Blood shaker Hemomix 3 manual

### Preparation , Reviewing & Approval Box

	NAME	POSITION	SIGN & STAMP	DATE
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